

L26 ANSWER 36 OF 37 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:26288 CAPLUS

DOCUMENT NUMBER: 126:74876

TITLE: Preparation of 5-(tetrahydrofuran-3-yl)methyl-4-nitroiminoperhydro-1,3,5-oxadiazine derivatives as insecticides

INVENTOR(S): Matsuo, Shingo; Wakita, Takeo; Odaka, Kenji; Shiraishi, Shiro

PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08291171	A2	19961105	JP 1995-95147	19950420

OTHER SOURCE(S): MARPAT 126:74876

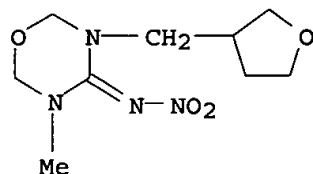
AB The title compds. (I; R = C1-3 alkyl), which show a broad spectrum of excellent herbicidal activity in spite of lacking 1-oxidopyridiniomethyl or thiazolylmethyl structure, are prepd. Thus, 3-methyl-4-nitroiminoperhydro-1,3,5-oxadiazine was alkylated by tetrahydrofuran-3-nylmethyl mesylate (prepn. given) in the presence of K<sub>2</sub>CO<sub>3</sub> in DMF at 80.degree. for 1 h to give 40% I (R = Me). This compd. at 100 ppm killed 100% adult Laodelphax striatellus and Nephotettix cincticeps on rice seedlings and adult Spodoptera litura on sweet potato leaves.

IT 185043-87-2P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of (tetrahydrofuranylmethyl)(nitroimino)perhydrooxadiazine derivs. as insecticides)

RN 185043-87-2 CAPLUS

CN 4H-1,3,5-Oxadiazin-4-imine, tetrahydro-3-methyl-N-nitro-5-[(tetrahydro-3-furanyl)methyl]- (9CI) (CA INDEX NAME)



IT 153719-38-1

RL: RCT (Reactant); RACT (Reactant or reagent) (prepn. of (tetrahydrofuranylmethyl)(nitroimino)perhydrooxadiazine derivs. as insecticides)

RN 153719-38-1 CAPLUS

CN 2H-1,3,5-Oxadiazin-4-amine, 3,6-dihydro-3-methyl-N-nitro- (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 120068-37-3 REGISTRY  
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 5-Amino-1-(2,6-dichloro-4-trifluoromethylphenyl)-3-cyano-4-trifluoromethylsulfinylpyrazole

CN **Fipronil**

CN Frontline Top Spot

CN Regent

CN Termidor

CN Termidor 80WG

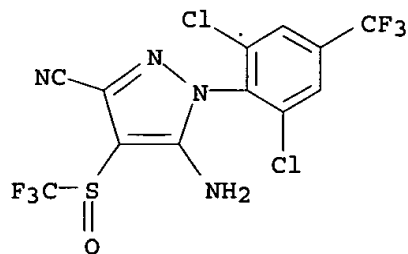
FS 3D CONCORD

MF C12 H4 Cl2 F6 N4 O S

CI COM

SR CA

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHM, CSNB, DIOGENES, EMBASE, MEDLINE, MRCK\*, PROMT, RTECS\*, TOXCENTER, ULIDAT, USAN, USPAT2, USPATFULL, VETU  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

399 REFERENCES IN FILE CA (1962 TO DATE)

35 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

403 REFERENCES IN FILE CAPLUS (1962 TO DATE)